## **AMENDMENTS TO THE CLAIMS**

- 1. (currently amended) An inhaler comprising:
  - a chamber having a mouthpiece;

a cyclone <u>configured as a substantially cylindrical cavity provided with a tangential inlet and an axial outlet arranged to eject an aerosol of medicament into the chamber; and</u>

a drug dosing device arranged to provide a dose of powdered medicament entrained in an airflow to the cyclone;

wherein the cyclone is configured as a substantially cylindrical cavity of a diameter of the cylindrical cavity is between about 2 4 and 45 10mm;

and one of either a piston pump or a gas canister for providing the airflow of repeatable volume and velocity to the drug dosing device.

- 2. (cancelled)
- 3. (Previously Presented) An inhaler as claimed in claim 1, wherein the drug dosing device is arranged to provide a dose of powdered medicament entrained in a gasflow to the cyclone.
- 4. (cancelled)
- 5. (original) An inhaler as claimed in claim 1, wherein the chamber is comparable in volume to the cyclone.
- 6. (original) An inhaler as claimed in claim 1, wherein the chamber has a volume of around 300 ml.
- 7. (canceled)